

FIG. 1

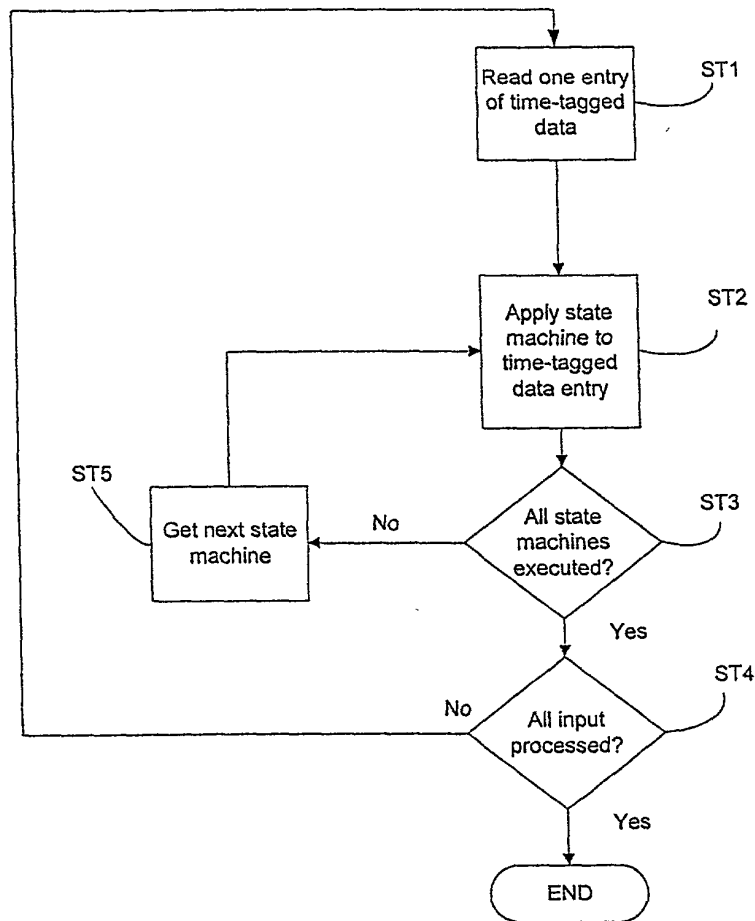


FIG. 2

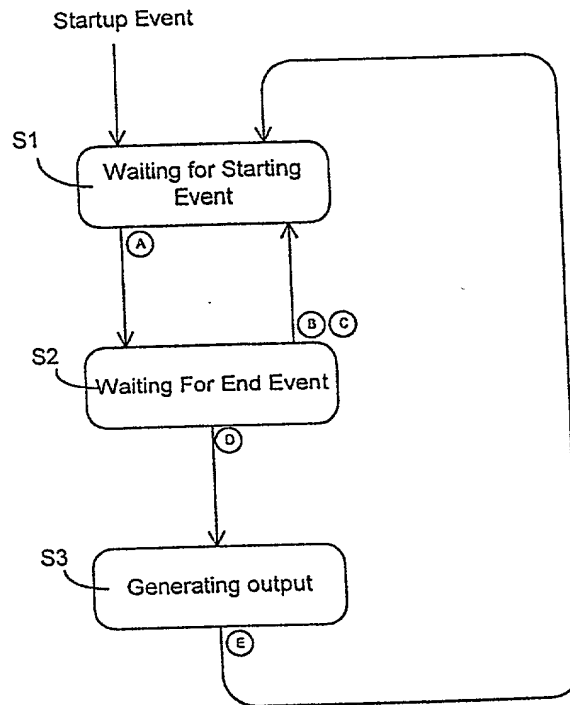


FIG. 3

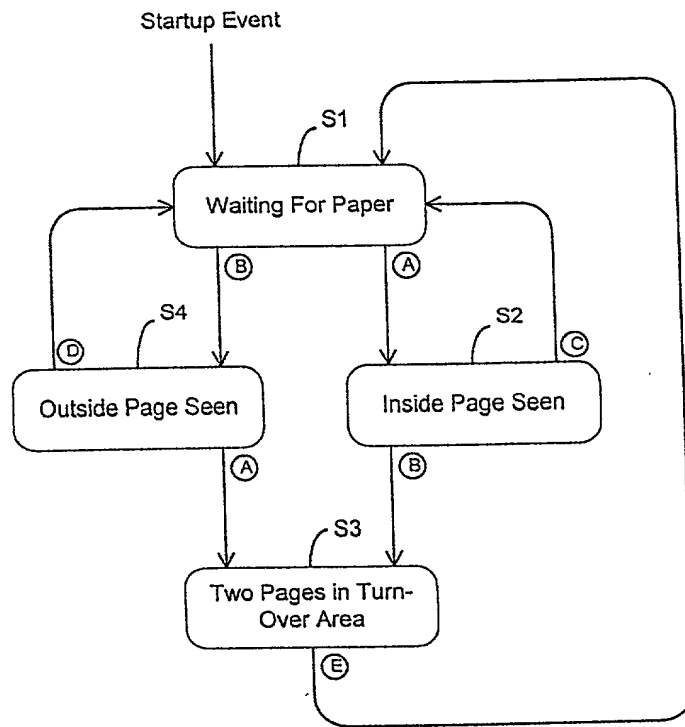


FIG. 4

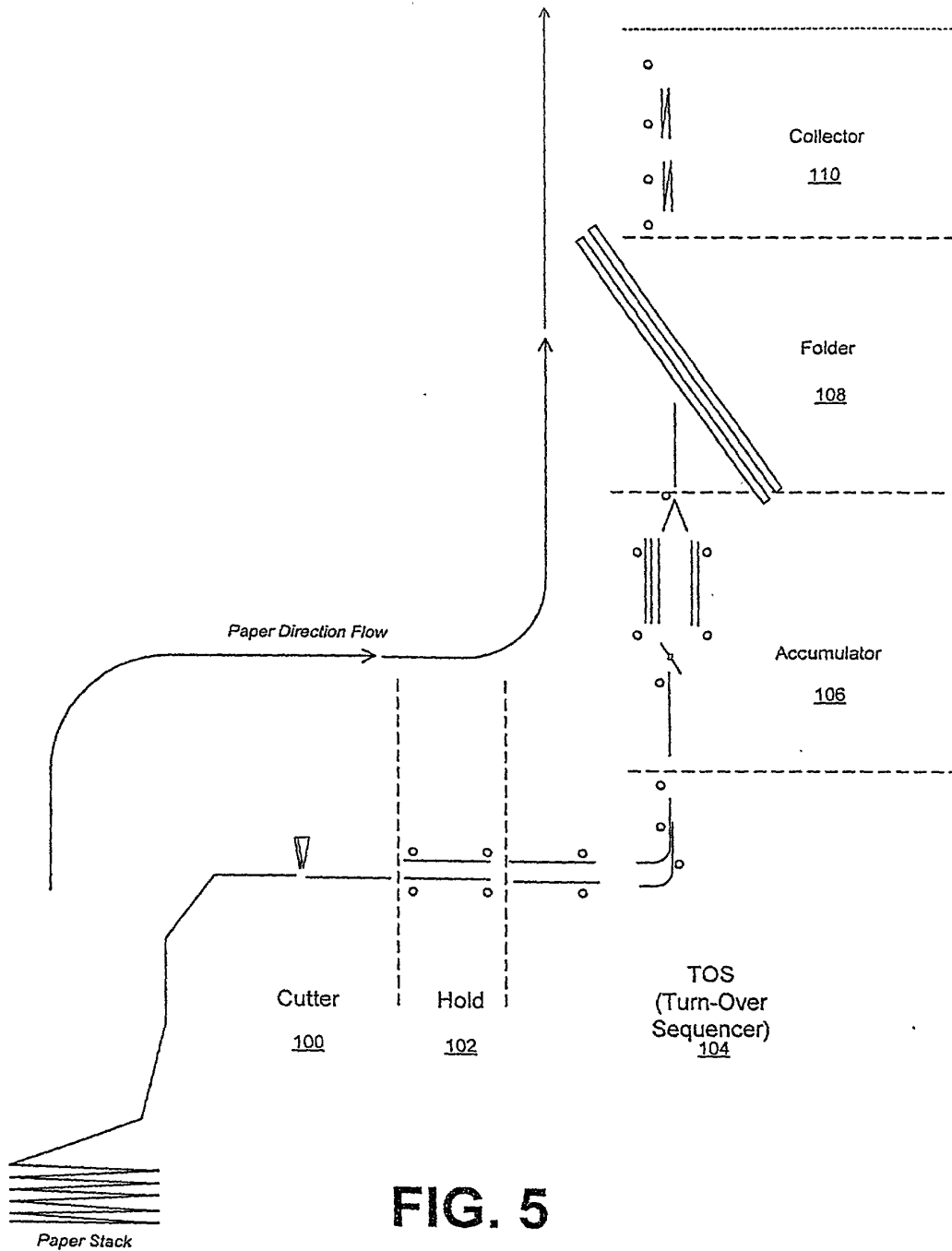
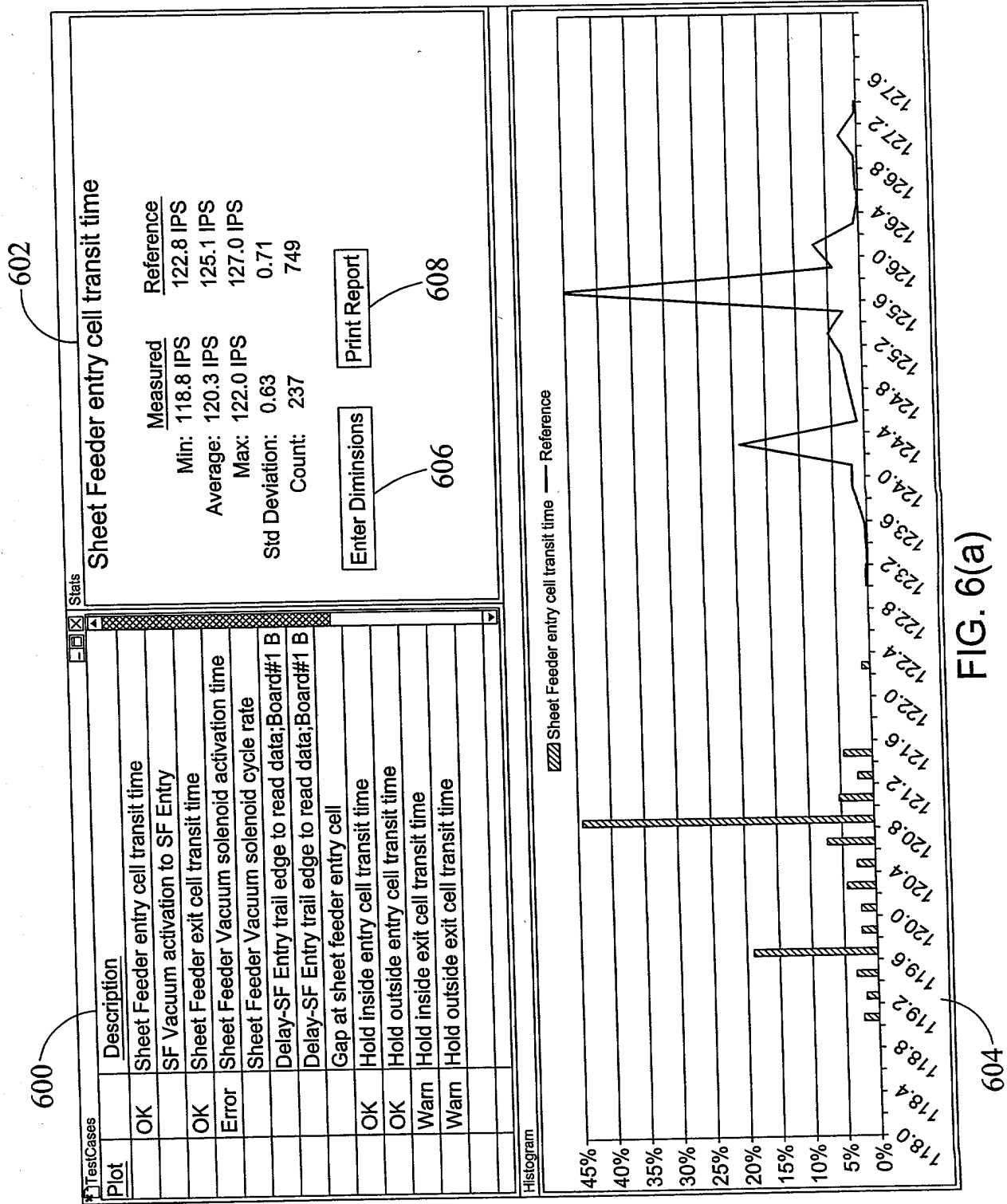


FIG. 5



DDB

| Material Dimension Selection | | | |
|------------------------------|----------------------|--------|---------------------------------------|
| AIM Testing | | | |
| Form Length: | <input type="text"/> | Inches | <input type="text"/> |
| Folded Form Length: | <input type="text"/> | Inches | <input type="text"/> |
| Base Testing | | | |
| Envelope Height: | <input type="text"/> | Inches | <input type="text"/> |
| Envelope Width: | <input type="text"/> | Inches | <input type="text"/> |
| | | | <input type="button" value="OK"/> |
| | | | <input type="button" value="Cancel"/> |

FIG. 6(b)

PIDB →

Print Report Data Entry [?] [X]

Operator Name:

Machine ID:

Additional Info:

☒ Preview on screen

FIG. 6(c)

TAAS Data File Name : C:\bhwrut\pbdruiz\example.trc
Operator : Dave McMahan
Machine Identifier : Lab Machine - X002 System B

9/30/99

Additional Info : Test run that contains overlapped pages exiting the TOS

Form Length : 11.00 Inches

| Item Description | Minimum | Average | Maximum | Std Dev | Count | Status |
|--|-------------|--------------|--------------|---------|-------|--------|
| 1) Sheet Feeder entry cell transit time | 122.8 IPS | 125.1 IPS | 127.0 IPS | 0.7 | 1498 | OK |
| 2) SF Vacuum activation to SF Entry | 35.3 mSec | 39.6 mSec | 44.5 mSec | 1.5 | 1498 | |
| 3) Sheet Feeder exit cell transit time | 94.1 IPS | 127.0 IPS | 130.3 IPS | 1.5 | 1496 | Error |
| 4) Sheet Feeder vacuum solenoid activation time | 36.8 mSec | 41.0 mSec | 46.1 mSec | 1.5 | 1498 | |
| 5) Sheet Feeder vacuum solenoid cycle rate | 8,910.7 CPH | 19,358.8 CPH | 26,344.7 CPH | 559.2 | 1497 | |
| 6) Gap at sheet feeder entry cell | 47.0 mSec | 96.7 mSec | 314.9 mSec | 8.8 | 1496 | |
| 7) Hold inside entry cell transit time | 118.9 IPS | 120.7 IPS | 122.4 IPS | 0.6 | 1496 | OK |
| 8) Hold outside entry cell transit time | 119.2 IPS | 121.0 IPS | 123.2 IPS | 1.1 | 1496 | OK |
| 9) Hold inside exit cell transit time | 117.8 IPS | 119.6 IPS | 120.9 IPS | 0.5 | 1495 | OK |
| 10) Hold outside exit cell transit time | 50.1 IPS | 119.8 IPS | 121.0 IPS | 2.6 | 1494 | OK |
| 11) TOS Entry inside-to-Outside lead edge difference | 2.7 Inches | 3.5 Inches | 4.1 Inches | 0.4 | 48 | |
| 12) TOS inside entry transit time | 132.6 IPS | 135.2 IPS | 136.2 IPS | 0.8 | 82 | |
| 13) TOS outside entry transit time | 133.5 IPS | 135.0 IPS | 136.2 IPS | 0.8 | 82 | |
| 14) TOS outside turn transit time | 131.9 IPS | 133.2 IPS | 136.1 IPS | 0.8 | 82 | |
| 15) TOS inside turn single page transit time | 135.2 IPS | 136.6 IPS | 139.3 IPS | 1.0 | 68 | |
| 16) TOS exit single page transit time | 143.2 IPS | 144.8 IPS | 147.2 IPS | 1.0 | 67 | |
| 17) Accum gate single page transit time | 153.3 IPS | 156.1 IPS | 159.9 IPS | 1.2 | 68 | |
| 18) Accum lower cnt single page transit time | 171.3 IPS | 173.3 IPS | 174.3 IPS | 1.2 | 34 | |
| 19) Accum upper cnt single page transit time | 168.6 IPS | 171.0 IPS | 174.0 IPS | 1.4 | 34 | |
| 20) TOS inside turn page overlap | 5.1 Inches | 5.9 Inches | 6.5 Inches | 0.4 | 48 | |
| 21) TOS exit page overlap | 4.9 Inches | 5.7 Inches | 6.3 Inches | 0.4 | 48 | |
| 22) Accum gate page overlap | 4.0 Inches | 5.2 Inches | 5.9 Inches | 0.5 | 48 | |
| 23) Accum upper cnt page overlap | 3.5 Inches | 4.6 Inches | 5.2 Inches | 0.5 | 16 | |
| 24) Accum lower cnt page overlap | 3.6 Inches | 4.9 Inches | 6.1 Inches | 0.7 | 32 | |
| 25) Lower Accum Clutch Release to Exit Cell | 44.0 mSec | 44.9 mSec | 46.0 mSec | 0.5 | 34 | |
| 26) Upper Accum Clutch Release to Exit Cell | 44.8 mSec | 46.2 mSec | 48.3 mSec | 0.7 | 33 | |
| 27) Rate at which Sets Leave Accumulator | 171.9 mSec | 432.5 mSec | 2,268.5 mSec | 267.1 | 67 | Warn |
| 28) Accum Exit Cell Transit Time | 126.6 IPS | 128.5 IPS | 130.2 IPS | 0.9 | 68 | Warn |
| 29) Folder Transit Time | 53.9 mSec | 55.2 mSec | 57.6 mSec | 0.6 | 68 | |
| 30) Collector Input Cell Arrival Rate | 171.8 mSec | 432.5 mSec | 2,268.5 mSec | 267.0 | 67 | Warn |
| 31) Collector Input Cell Transit Time | 31.3 mSec | 32.5 mSec | 33.9 mSec | 0.5 | 68 | |
| 32) Collector Dump Cell Transit Time | 30.7 mSec | 32.7 mSec | 36.5 mSec | 1.4 | 64 | |
| 33) Collector output dump rate | 1,487.5 CPH | 9,316.0 CPH | 14,076.2 CPH | 2,227.3 | 63 | |

Warnings and Errors List

- 3) Error: Lowest value is below limit of 100 IPS
- 27) Warning: Lowest value is close to lower limit of 170 mSec
- 28) Warning: Highest value is close to upper limit of 131 IPS
- 30) Warning: Lowest value is close to lower limit of 170 mSec

FIG.6(d)